

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

[For meaning of abbreviations and symbols, see introductory text]

Item	Kentucky	Adair	Allen	Anderson	Ballard	Barren	Bath
Commercial fertilizer, lime, and soil conditioners ^{1,2}							
farms, 2007	38,848	767	654	212	241	1,222	363
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	4,227,204	57,203	45,647	8,450	62,332	102,797	19,797
2002	3,995,943	48,370	45,305	18,240	61,566	76,172	20,812
Cropland fertilized, except cropland pastured	farms, 2007	28,775	583	423	149	893	278
	2002	41,923	727	447	274	267	422
	acres treated, 2007	3,132,851	31,677	19,077	4,376	57,382	65,802
	2002	2,986,164	30,843	22,255	14,869	57,039	39,781
Pastureland and rangeland fertilized	farms, 2007	19,732	478	424	93	95	150
	2002	21,797	424	412	113	69	921
	acres treated, 2007	1,094,353	25,526	26,570	4,074	4,950	36,995
	2002	1,009,779	17,527	23,050	3,371	4,527	36,391
Manure ¹	farms, 2007	10,812	175	193	48	47	337
	2002	10,769	169	73	94	13	276
	acres treated, 2007	407,636	5,597	7,110	1,111	1,815	12,807
	2002	364,471	5,513	1,147	3,549	1,325	13,180
Chemicals used to control- ¹							
Insects	farms, 2007	9,751	119	154	45	79	256
	2002	17,396	204	151	129	52	474
	acres treated, 2007	1,148,425	3,816	2,732	591	26,939	19,340
	2002	694,573	3,168	954	1,528	10,840	7,276
Weeds, grass, or brush	farms, 2007	16,287	209	223	69	161	496
	2002	19,179	263	157	116	158	145
	acres treated, 2007	2,342,623	8,929	13,750	1,535	58,864	33,323
	2002	1,957,109	7,565	10,517	1,726	41,189	15,443
Nematodes	farms, 2007	577	4	6	1	3	11
	2002	737	12	1	1	1	16
	acres treated, 2007	62,975	57	43	(D)	(D)	275
	2002	25,778	162	(D)	(D)	(D)	-
Diseases in crops and orchards	farms, 2007	2,247	27	67	12	22	38
	2002	4,011	75	16	35	10	16
	acres treated, 2007	216,064	357	475	56	6,636	509
	2002	89,983	961	89	576	2,658	617
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	1,575	27	18	4	7	28
	2002	2,127	3	34	-	23	44
	acres treated, 2007	27,602	192	237	10	(D)	371
	2002	32,880	8	151	-	259	217
							267
Item	Bell	Boone	Bourbon	Boyd	Boyle	Bracken	Breathitt
Commercial fertilizer, lime, and soil conditioners ^{1,2}							
farms, 2007	26	255	353	94	234	218	72
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	815	13,688	37,183	2,353	13,839	10,500	1,492
2002	456	8,727	33,658	3,948	15,051	8,317	1,750
Cropland fertilized, except cropland pastured	farms, 2007	15	203	236	59	169	53
	2002	14	310	473	101	274	380
	acres treated, 2007	435	9,180	16,250	991	8,527	7,837
	2002	230	7,441	19,414	2,029	9,651	6,016
Pastureland and rangeland fertilized	farms, 2007	19	88	170	52	123	56
	2002	11	8	154	83	155	89
	acres treated, 2007	380	4,508	20,933	1,362	5,312	2,663
	2002	226	1,286	14,244	1,919	5,400	2,301
Manure ¹	farms, 2007	2	117	91	36	85	121
	2002	2	129	52	92	109	87
	acres treated, 2007	(D)	2,107	4,809	489	2,239	2,860
	2002	(D)	1,476	3,794	2,085	3,843	1,029
Chemicals used to control- ¹							
Insects	farms, 2007	6	87	126	6	38	102
	2002	5	144	259	18	61	131
	acres treated, 2007	244	2,048	6,228	34	775	3,020
	2002	49	4,601	7,845	60	1,116	942
Weeds, grass, or brush	farms, 2007	14	122	174	55	97	108
	2002	9	78	309	59	91	136
	acres treated, 2007	118	4,635	13,213	808	4,044	3,995
	2002	87	4,934	17,729	1,595	5,008	2,096
Nematodes	farms, 2007	2	3	3	1	-	5
	2002	-	1	36	-	-	10
	acres treated, 2007	(D)	(D)	92	(D)	-	87
	2002	-	(D)	528	-	-	80
Diseases in crops and orchards	farms, 2007	4	20	16	1	8	(D)
	2002	5	44	41	6	15	19
	acres treated, 2007	66	263	114	(D)	(D)	51
	2002	33	99	1,162	28	66	484
							17
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	-	16	29	-	5	21
	2002	2	36	12	5	8	12
	acres treated, 2007	-	203	587	-	99	153
	2002	(D)	184	358	5	16	(D)
							(D)

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Breckinridge	Bullitt	Butler	Caldwell	Calloway	Campbell	Carlisle
Commercial fertilizer, lime, and soil conditioners							
farms, 2007	791	203	368	241	419	227	144
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	78,619	10,817	46,841	49,749	88,926	6,505	47,220
2002	78,058	12,573	37,575	46,834	94,149	6,366	49,270
Cropland fertilized, except cropland pastured	farms, 2007	545	141	227	165	322	116
	2002	785	144	206	229	388	155
acres treated, 2007	46,423	8,773	30,669	40,999	80,266	4,360	44,749
	2002	47,513	10,314	28,119	41,677	85,829	5,302
Pastureland and rangeland fertilized	farms, 2007	500	89	243	129	156	50
	2002	560	68	160	71	186	39
acres treated, 2007	32,196	2,044	16,172	8,750	8,660	2,145	2,471
	2002	30,545	2,259	9,456	5,157	8,320	1,064
Manure ¹	farms, 2007	176	78	58	23	54	20
	2002	96	105	58	57	96	28
acres treated, 2007	8,017	1,129	2,772	2,121	2,369	2,391	2,444
	2002	4,992	1,401	5,528	3,618	4,376	4,689
Chemicals used to control- ¹							
Insects	farms, 2007	188	39	38	61	170	63
	2002	432	37	76	63	179	54
acres treated, 2007	9,363	636	7,971	24,653	24,667	488	19,549
	2002	5,440	1,168	7,203	8,177	7,383	1,187
Weeds, grass, or brush	farms, 2007	303	112	148	128	256	108
	2002	347	107	156	131	328	92
acres treated, 2007	26,537	6,684	22,253	39,628	66,782	1,351	51,512
	2002	13,140	10,794	22,398	33,233	59,569	1,570
Nematodes	farms, 2007	7	5	4	3	11	7
	2002	8	-	-	23	1	3
acres treated, 2007	502	(D)	468	(D)	397	(D)	1,622
	2002	340	-	-	1,409	(D)	(D)
Diseases in crops and orchards	farms, 2007	29	16	18	15	45	34
	2002	19	1	31	34	8	20
acres treated, 2007	415	347	1,968	8,992	4,123	121	4,365
	2002	118	(D)	92	1,677	175	742
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	37	15	3	8	25	4
	2002	21	15	-	6	2	22
acres treated, 2007	683	59	(D)	(D)	335	10	261
	2002	325	199	-	716	(D)	110
Item	Carroll	Carter	Casey	Christian	Clark	Clay	Clinton
Commercial fertilizer, lime, and soil conditioners							
farms, 2007	139	379	663	627	294	144	359
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	5,952	15,529	47,345	175,105	19,673	5,216	25,150
	2002	6,382	13,860	41,236	147,920	24,811	4,020
Cropland fertilized, except cropland pastured	farms, 2007	113	265	550	456	213	118
	2002	186	509	805	461	354	285
acres treated, 2007	4,064	6,534	30,720	156,116	10,668	3,291	12,507
	2002	4,994	7,568	24,579	130,263	12,123	2,976
Pastureland and rangeland fertilized	farms, 2007	46	191	353	339	122	60
	2002	56	233	454	311	205	234
acres treated, 2007	1,888	8,995	16,625	18,989	9,005	1,925	12,643
	2002	1,388	6,292	16,657	17,657	12,688	1,044
Manure ¹	farms, 2007	40	137	184	186	102	29
	2002	67	182	216	207	37	42
acres treated, 2007	687	3,231	3,997	9,775	2,627	819	4,690
	2002	1,094	1,685	5,686	8,751	469	277
Chemicals used to control- ¹							
Insects	farms, 2007	40	65	97	250	89	28
	2002	112	146	235	295	161	47
acres treated, 2007	680	832	1,121	72,437	3,854	813	1,224
	2002	1,538	1,150	1,078	38,597	2,483	498
Weeds, grass, or brush	farms, 2007	54	88	183	376	144	36
	2002	96	155	214	472	169	146
acres treated, 2007	1,057	1,380	6,530	137,562	5,525	1,400	8,284
	2002	1,553	2,432	5,050	96,844	5,904	395
Nematodes	farms, 2007	1	-	1	20	8	4
	2002	7	1	-	23	37	9
acres treated, 2007	(D)	-	(D)	3,591	195	(D)	20
	2002	294	(D)	-	1,573	398	8
Diseases in crops and orchards	farms, 2007	3	14	35	86	14	171
	2002	35	24	61	103	55	69
acres treated, 2007	(D)	95	267	16,449	74	34	80
	2002	628	38	194	13,379	396	81
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	11	14	9	16	15	9
	2002	24	50	77	34	51	40
acres treated, 2007	69	109	53	1,310	551	349	131
	2002	114	61	91	686	234	345

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Crittenden	Cumberland	Daviess	Edmonson	Elliott	Estill	Fayette
Commercial fertilizer, lime, and soil conditioners ^{1,2}							
farms, 2007	258	183	563	351	219	149	311
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	34,714	12,700	159,411	25,436	8,398	4,749	31,457
2002	32,591	13,515	140,541	21,687	5,674	8,058	30,600
Cropland fertilized, except cropland pastured	farms, 2007	167	139	433	222	161	194
	2002	208	233	589	302	226	273
acres treated, 2007	23,468	6,688	146,502	12,794	4,161	2,836	10,328
	2002	24,089	6,337	131,342	12,008	3,023	5,350
Pastureland and rangeland fertilized	farms, 2007	140	104	209	222	120	63
	2002	111	117	183	269	112	138
acres treated, 2007	11,246	6,012	12,909	12,642	4,237	1,913	21,129
	2002	8,502	7,178	9,199	9,679	2,651	2,708
Manure ¹	farms, 2007	54	37	114	56	87	23
	2002	71	63	141	34	53	132
acres treated, 2007	3,058	1,998	6,601	1,704	1,602	328	151
	2002	2,153	1,783	5,732	776	841	277
Chemicals used to control- ¹							
Insects	farms, 2007	42	33	231	44	26	24
	2002	37	79	354	68	43	182
acres treated, 2007	11,186	524	75,786	2,074	282	199	6,893
	2002	4,425	401	46,087	1,712	691	8,194
Weeds, grass, or brush	farms, 2007	107	67	362	93	59	48
	2002	108	114	460	113	78	191
acres treated, 2007	21,317	2,273	143,015	7,172	585	1,340	17,960
	2002	22,098	1,032	129,109	7,791	2,270	3,807
Nematodes	farms, 2007	8	5	11	3	-	10
	2002	1	4	2	-	14	-
acres treated, 2007	1,278	103	829	(D)	-	-	221
	2002	(D)	35	(D)	-	170	-
Diseases in crops and orchards	farms, 2007	4	7	65	3	6	7
	2002	27	12	82	12	22	41
acres treated, 2007	(D)	31	18,581	(D)	20	21	76
	2002	143	43	2,337	1,500	198	791
						51	946
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	1	-	40	5	5	35
	2002	-	3	42	12	5	30
acres treated, 2007	(D)	-	862	64	24	(D)	830
	2002	-	12	865	1,500	500	24
						24	950
Item	Fleming	Floyd	Franklin	Fulton	Gallatin	Garrard	Grant
Commercial fertilizer, lime, and soil conditioners ^{1,2}							
farms, 2007	510	31	195	76	91	334	319
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	35,124	643	9,969	63,958	6,273	21,708	10,514
	2002	43,464	436	11,652	48,390	3,279	19,532
Cropland fertilized, except cropland pastured	farms, 2007	418	26	136	75	76	248
	2002	653	22	284	88	146	527
acres treated, 2007	20,672	587	5,341	63,302	4,293	11,301	7,213
	2002	22,782	323	5,187	47,630	2,329	11,855
Pastureland and rangeland fertilized	farms, 2007	198	10	96	6	33	168
	2002	270	7	159	14	39	101
acres treated, 2007	14,452	56	4,628	656	1,980	10,407	3,301
	2002	20,682	113	6,465	760	950	7,677
Manure ¹	farms, 2007	238	16	58	10	44	76
	2002	296	10	47	8	38	151
acres treated, 2007	7,541	133	946	660	930	2,662	2,435
	2002	12,297	111	830	2,047	342	2,005
Chemicals used to control- ¹							
Insects	farms, 2007	117	8	60	36	40	96
	2002	253	3	99	34	38	186
acres treated, 2007	4,197	10	2,558	21,691	1,021	1,764	938
	2002	3,160	(D)	598	14,704	334	1,829
Weeds, grass, or brush	farms, 2007	201	20	108	56	47	108
	2002	204	14	89	73	36	123
acres treated, 2007	9,240	383	4,241	57,933	779	1,818	1,622
	2002	4,205	342	1,231	58,176	302	2,978
Nematodes	farms, 2007	6	2	3	2	-	5
	2002	4	-	32	1	-	-
acres treated, 2007	131	(D)	(D)	(D)	-	156	55
	2002	162	-	76	(D)	-	-
Diseases in crops and orchards	farms, 2007	20	6	24	11	13	17
	2002	95	1	52	11	30	16
acres treated, 2007	147	16	469	6,013	69	222	117
	2002	381	(D)	200	4,467	130	176
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	16	-	9	-	6	18
	2002	21	-	10	1	15	29
acres treated, 2007	207	-	85	-	127	147	144
	2002	58	-	43	(D)	73	53

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Graves	Grayson	Green	Greenup	Hancock	Hardin	Harlan	
Commercial fertilizer, lime, and soil conditioners								
farms, 2007	599	727	628	314	196	833	8	
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8	
acres treated, 2007	123,001	62,892	49,614	10,531	22,731	96,669	186	
2002	134,887	54,741	41,218	11,587	24,622	92,342	129	
Cropland fertilized, except cropland pastured	farms, 2007	474	505	475	231	132	5	
	2002	512	754	656	366	218	5	
acres treated, 2007	113,609	34,587	26,395	5,016	17,011	68,204	(D)	
	2002	126,435	32,932	24,532	7,452	17,245	68,991	
Pastureland and rangeland fertilized	farms, 2007	189	471	404	148	113	515	
	2002	185	518	452	130	146	691	
acres treated, 2007	9,392	28,305	23,219	5,515	5,720	28,465	(D)	
	2002	8,452	21,809	16,686	4,135	7,377	23,351	
Manure ¹	farms, 2007	127	182	160	119	40	200	
	2002	99	187	88	96	42	262	
acres treated, 2007	14,862	6,896	3,573	1,660	1,133	5,698	(D)	
	2002	10,527	8,920	2,190	625	4,171	7,140	
Chemicals used to control-								
Insects	farms, 2007	240	118	147	36	44	197	
	2002	248	300	203	82	118	360	
acres treated, 2007	58,313	5,853	2,751	422	4,166	17,494	58	
	2002	28,832	3,069	2,182	436	1,676	20,626	
Weeds, grass, or brush	farms, 2007	354	219	236	64	103	332	
	2002	313	302	245	107	138	478	
acres treated, 2007	105,860	18,572	8,309	1,057	13,073	53,951	35	
	2002	92,107	7,464	4,249	856	11,129	46,105	
Nematodes	farms, 2007	21	4	7	3	4	16	
	2002	4	7	16	-	-	-	
acres treated, 2007	3,252	(D)	46	19	12	1,171	-	
	2002	1,907	28	159	-	-	484	
Diseases in crops and orchards	farms, 2007	82	21	19	10	3	25	
	2002	47	64	37	29	20	33	
acres treated, 2007	9,982	270	200	154	(D)	1,444	58	
	2002	1,310	839	297	336	41	342	
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	25	27	23	9	5	33	
	2002	6	53	24	2	23	85	
acres treated, 2007	1,285	1,563	210	97	74	532	(D)	
	2002	(D)	515	121	(D)	36	1,487	
Item	Harrison	Hart	Henderson	Henry	Hickman	Hopkins	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners								
farms, 2007	418	763	263	463	124	274	339	146
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	24,857	49,994	113,596	28,036	79,097	67,575	13,823	5,164
	2002	18,486	47,618	95,859	26,429	68,121	46,012	13,677
Cropland fertilized, except cropland pastured	farms, 2007	334	576	226	398	109	206	103
	2002	537	767	216	572	106	199	400
acres treated, 2007	14,812	27,743	110,327	19,556	77,468	61,934	7,666	4,111
	2002	14,677	28,845	90,746	21,346	65,607	42,889	7,386
Pastureland and rangeland fertilized	farms, 2007	181	487	70	152	30	122	179
	2002	144	515	140	106	36	95	174
acres treated, 2007	10,045	22,251	3,269	8,480	1,629	5,641	6,157	1,053
	2002	3,809	18,773	5,113	5,083	2,514	3,123	6,291
Manure ¹	farms, 2007	125	201	45	105	54	44	103
	2002	114	113	69	126	27	51	49
acres treated, 2007	4,334	4,841	1,903	3,302	14,267	5,710	1,833	632
	2002	2,575	3,753	3,412	6,923	7,447	3,507	415
Chemicals used to control-								
Insects	farms, 2007	152	223	106	170	62	52	46
	2002	307	572	126	274	54	87	129
acres treated, 2007	3,608	7,016	49,316	5,237	45,681	23,719	2,694	2,773
	2002	3,004	8,225	27,719	2,554	22,812	12,289	876
Weeds, grass, or brush	farms, 2007	191	316	190	198	96	147	77
	2002	269	343	196	223	86	122	109
acres treated, 2007	7,417	13,204	112,387	9,972	85,387	52,478	3,262	3,643
	2002	5,972	12,525	90,190	7,549	72,260	38,847	1,577
Nematodes	farms, 2007	9	5	9	15	5	3	1
	2002	35	8	19	27	7	16	1
acres treated, 2007	269	81	957	642	3,000	(D)	(D)	(D)
Diseases in crops and orchards	farms, 2007	413	8	64	134	3,354	704	-
	2002	413	30	25	24	27	23	16
acres treated, 2007	1,032	140	15	29	15	1	36	27
	2002	664	1,596	6,642	591	17,265	6,432	147
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	38	26	19	52	1	1	18
	2002	43	41	3	16	4	26	5
acres treated, 2007	511	187	360	937	(D)	(D)	135	21
	2002	259	426	(D)	211	16	-	183

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Jessamine	Johnson	Kenton	Knott	Knox	Larue	Laurel	Lawrence
Commercial fertilizer, lime, and soil conditioners ^{1,2}								
farms, 2007	220	78	141	3	154	459	494	114
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	9,466	2,074	3,049	80	9,543	52,831	25,874	3,451
2002	11,048	2,146	2,577	(D)	3,199	54,009	37,533	2,590
Cropland fertilized, except cropland pastured	farms, 2007	148	54	113	-	110	314	85
	2002	403	105	240	1	145	363	171
acres treated, 2007	5,048	1,011	1,657	-	4,189	37,811	14,166	1,762
	2002	7,617	1,309	1,499	(D)	1,711	36,742	22,954
Pastureland and rangeland fertilized	farms, 2007	91	37	44	3	77	274	44
	2002	94	19	73	1	81	318	39
acres treated, 2007	4,418	1,063	1,392	80	5,354	15,020	11,708	1,689
	2002	3,431	837	1,078	(D)	1,488	17,267	14,579
Manure ¹	farms, 2007	69	22	71	4	48	105	162
	2002	47	17	93	1	73	224	151
acres treated, 2007	1,168	201	1,142	(D)	694	3,689	4,894	816
	2002	3,082	54	1,133	(D)	935	5,753	3,582
Chemicals used to control- ¹								
Insects	farms, 2007	76	12	30	-	18	120	60
	2002	203	43	107	-	40	199	177
acres treated, 2007	1,409	70	412	-	540	15,834	910	212
	2002	1,782	228	599	-	196	7,759	1,406
Weeds, grass, or brush	farms, 2007	114	24	53	-	45	203	117
	2002	157	35	134	2	48	229	81
acres treated, 2007	3,023	168	400	-	1,502	28,597	2,410	365
	2002	2,693	122	417	(D)	433	19,532	826
Nematodes	farms, 2007	2	2	-	-	3	11	1
	2002	-	-	10	-	-	-	-
acres treated, 2007	(D)	(D)	-	-	15	760	(D)	-
	2002	-	-	20	-	-	-	-
Diseases in crops and orchards	farms, 2007	29	7	7	-	2	22	15
	2002	58	11	25	-	-	22	32
acres treated, 2007	83	16	21	-	(D)	2,814	128	55
	2002	448	23	35	-	-	81	62
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	21	-	11	1	3	17	21
	2002	3	5	15	-	-	20	57
acres treated, 2007	306	-	54	(D)	(D)	279	151	12
	2002	84	15	15	-	-	55	130
Item	Lee	Leslie	Letcher	Lewis	Lincoln	Livingston	Logan	Lyon
Commercial fertilizer, lime, and soil conditioners ^{1,2}								
farms, 2007	67	11	28	347	658	159	638	105
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	2,433	51	233	16,872	43,498	26,667	159,676	20,894
	2002	3,175	(D)	260	24,583	48,459	24,131	138,434
Cropland fertilized, except cropland pastured	farms, 2007	43	9	19	303	523	89	441
	2002	87	9	15	559	689	95	524
acres treated, 2007	685	(D)	(D)	11,639	28,075	17,993	136,068	15,547
	2002	1,510	(D)	159	13,967	31,955	17,955	110,179
Pastureland and rangeland fertilized	farms, 2007	38	2	9	142	363	101	359
	2002	29	2	8	262	284	110	425
acres treated, 2007	1,748	(D)	(D)	5,233	15,423	8,674	23,608	5,347
	2002	1,665	(D)	101	10,616	16,504	6,176	28,255
Manure ¹	farms, 2007	28	2	6	131	160	24	106
	2002	21	2	7	139	132	29	141
acres treated, 2007	725	(D)	40	3,344	5,803	1,002	4,086	308
	2002	487	(D)	76	3,028	5,414	1,534	4,352
Chemicals used to control- ¹								
Insects	farms, 2007	13	2	8	68	162	24	199
	2002	23	2	6	202	288	21	271
acres treated, 2007	48	(D)	58	900	6,184	4,732	77,227	2,490
	2002	360	(D)	26	1,319	4,108	2,454	41,365
Weeds, grass, or brush	farms, 2007	21	4	9	96	242	72	328
	2002	17	2	5	111	201	60	364
acres treated, 2007	315	(D)	75	1,822	13,386	13,700	109,473	12,181
	2002	595	(D)	74	3,664	13,398	15,905	65,862
Nematodes	farms, 2007	3	-	-	1	13	3	21
	2002	-	-	-	-	2	1	9
acres treated, 2007	8	-	-	(D)	366	(D)	11,981	86
	2002	-	-	-	(D)	3,400	-	-
Diseases in crops and orchards	farms, 2007	2	-	1	12	28	5	42
	2002	11	2	3	110	49	7	102
acres treated, 2007	(D)	-	(D)	29	234	(D)	17,387	659
	2002	40	(D)	23	474	468	14	13,924
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	2	-	-	18	26	2	18
	2002	4	-	-	27	44	4	21
acres treated, 2007	(D)	-	-	129	155	(D)	257	-
	2002	80	-	-	95	699	1,885	917

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	McCracken	McCreary	McLean	Madison	Magoffin	Marion	Marshall	Martin
Commercial fertilizer, lime, and soil conditioners								
farms, 2007	204	54	246	499	170	552	282	6
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	34,404	2,340	85,532	30,279	5,061	44,591	30,683	38
2002	32,858	3,419	69,992	28,016	3,165	56,724	39,795	220
Cropland fertilized, except cropland pastured	farms, 2007	166	34	210	319	137	453	6
	2002	146	45	224	678	226	676	7
acres treated, 2007	32,879	724	83,232	10,927	2,162	28,818	23,008	(D)
2002	32,343	1,567	67,082	13,282	2,058	35,308	31,530	(D)
Pastureland and rangeland fertilized	farms, 2007	65	38	53	272	72	292	1
	2002	36	48	60	265	68	375	1
acres treated, 2007	1,525	1,616	2,300	19,352	2,899	15,773	7,675	(D)
2002	515	1,852	2,910	14,734	1,107	21,416	8,265	(D)
Manure ¹	farms, 2007	39	20	85	132	73	161	45
	2002	26	19	82	176	19	268	3
acres treated, 2007	420	469	12,476	2,076	1,427	5,847	2,157	(D)
2002	987	397	10,402	2,009	165	6,283	898	8
Chemicals used to control-								
Insects	farms, 2007	81	3	91	137	21	166	38
	2002	58	7	98	349	27	294	41
acres treated, 2007	13,576	37	30,543	2,341	876	4,814	7,333	(D)
2002	4,432	38	13,107	3,218	82	3,868	3,371	-
Weeds, grass, or brush	farms, 2007	117	17	177	216	55	216	129
	2002	111	12	188	278	68	273	133
acres treated, 2007	24,160	351	79,557	4,756	876	11,358	20,939	(D)
2002	26,549	155	59,372	5,885	391	11,367	23,328	-
Nematodes	farms, 2007	11	-	5	3	-	11	3
	2002	3	1	-	3	-	3	11
acres treated, 2007	2,496	-	93	7	-	258	(D)	-
2002	750	(D)	-	(D)	-	322	85	-
Diseases in crops and orchards	farms, 2007	18	-	18	34	-	37	13
	2002	25	3	8	52	17	25	12
acres treated, 2007	2,156	-	2,737	213	-	1,471	631	(D)
2002	687	(D)	10	1,032	21	154	62	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	2	-	11	24	4	30	8
	2002	6	1	10	47	4	22	-
acres treated, 2007	(D)	-	177	232	7	385	46	-
2002	6	(D)	40	377	8	193	-	-
Item	Mason	Meade	Menifee	Mercer	Metcalfe	Monroe	Montgomery	Morgan
Commercial fertilizer, lime, and soil conditioners								
farms, 2007	374	432	141	359	563	574	289	390
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	26,298	47,153	7,179	21,137	42,527	54,978	18,913	16,310
2002	21,812	48,599	3,761	32,327	39,221	56,798	16,015	11,962
Cropland fertilized, except cropland pastured	farms, 2007	332	289	92	257	433	229	307
	2002	443	393	173	410	663	518	478
acres treated, 2007	19,706	30,750	2,874	12,884	21,635	27,330	9,932	8,342
2002	15,875	35,910	2,029	15,650	23,282	30,499	7,353	4,955
Pastureland and rangeland fertilized	farms, 2007	118	262	78	164	334	377	192
	2002	80	317	96	336	342	569	214
acres treated, 2007	6,592	16,403	4,305	8,253	20,892	27,648	8,981	7,968
2002	5,937	12,689	1,732	16,677	15,939	26,299	8,662	7,007
Manure ¹	farms, 2007	128	127	40	146	167	168	72
	2002	185	140	41	110	101	112	57
acres treated, 2007	5,717	2,726	977	4,988	7,926	9,806	4,260	3,091
2002	8,764	2,035	304	2,896	4,189	7,331	891	804
Chemicals used to control-								
Insects	farms, 2007	155	61	16	94	139	86	64
	2002	226	124	53	180	327	159	124
acres treated, 2007	4,696	6,808	156	2,136	3,638	3,841	2,417	583
2002	4,248	6,407	196	3,877	5,642	5,630	1,682	376
Weeds, grass, or brush	farms, 2007	164	177	27	169	184	228	99
	2002	147	209	62	222	193	262	137
acres treated, 2007	7,702	22,148	432	6,339	7,731	11,714	2,991	1,609
2002	10,285	17,121	1,318	7,652	5,733	14,122	3,769	797
Nematodes	farms, 2007	5	6	-	7	4	11	3
	2002	-	9	-	6	9	-	6
acres treated, 2007	75	291	-	45	48	169	290	14
2002	-	18	-	204	27	-	(D)	36
Diseases in crops and orchards	farms, 2007	19	9	1	14	22	17	18
	2002	10	24	27	19	53	37	15
acres treated, 2007	227	474	(D)	194	153	252	320	47
2002	30	1,175	333	173	177	1,143	127	77
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	16	12	5	22	25	15	10
	2002	49	27	18	22	29	1	54
acres treated, 2007	185	478	37	218	242	140	258	50
2002	292	(D)	46	98	35	(D)	166	166

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Muhlenberg	Nelson	Nicholas	Ohio	Oldham	Owen	Owsley	Pendleton
Commercial fertilizer, lime, and soil conditioners ^{1,2}								
farms, 2007	297	647	268	422	195	306	87	352
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	51,949	62,287	18,967	55,342	13,002	16,622	2,862	14,820
2002	49,507	58,024	14,866	40,069	18,114	27,462	2,607	22,109
Cropland fertilized, except cropland pastured	199	501	224	274	129	259	75	292
2002	343	756	234	297	218	390	157	527
acres treated, 2007	43,237	47,486	12,469	44,633	8,992	10,396	1,423	10,944
2002	40,833	42,356	8,288	33,780	14,673	14,006	1,637	17,057
Pastureland and rangeland fertilized	164	326	92	233	90	106	26	113
2002	177	421	76	122	86	172	45	156
acres treated, 2007	8,712	14,801	6,498	10,709	4,010	6,226	1,439	3,876
2002	8,674	15,668	6,578	6,289	3,441	13,456	970	5,052
Manure ¹	69	204	55	109	51	90	31	128
2002	58	234	90	53	63	192	11	152
acres treated, 2007	4,289	6,841	3,266	7,111	1,631	2,385	378	2,971
2002	2,415	13,530	2,242	3,804	2,445	4,286	51	1,832
Chemicals used to control- ¹								
Insects	59	145	107	81	47	121	25	108
2002	90	271	152	161	51	246	60	162
acres treated, 2007	11,301	11,661	3,072	25,529	4,210	2,638	488	1,985
2002	3,782	8,278	2,006	10,819	5,021	3,110	337	1,694
Weeds, grass, or brush	140	254	103	187	100	124	27	112
2002	181	316	108	256	119	231	49	138
acres treated, 2007	25,986	29,710	3,976	40,262	9,222	3,318	458	2,794
2002	24,201	25,956	2,235	32,502	13,489	1,827	595	1,774
Nematodes	6	7	3	8	3	11	-	2
2002	10	2	19	7	1	15	6	2
acres treated, 2007	(D)	331	(D)	358	(D)	144	-	(D)
2002	30	(D)	164	14	(D)	73	6	(D)
Diseases in crops and orchards	15	39	16	16	11	28	9	26
2002	1	41	27	73	3	82	15	50
acres treated, 2007	2,786	1,696	120	(D)	1,172	118	24	313
2002	(D)	1,310	63	146	48	382	43	472
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹								
farms, 2007	6	26	22	12	7	28	5	21
2002	-	51	10	6	1	14	15	18
acres treated, 2007	118	245	154	136	11	278	40	349
2002	-	432	20	2,653	(D)	130	136	178
Item	Perry	Pike	Powell	Pulaski	Robertson	Rockcastle	Rowan	Russell
Commercial fertilizer, lime, and soil conditioners ^{1,2}								
farms, 2007	23	16	74	1,102	107	331	186	481
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	589	354	3,676	81,736	4,638	17,341	9,683	35,564
2002	479	387	3,567	75,544	3,560	15,538	6,193	32,606
Cropland fertilized, except cropland pastured	18	11	63	848	90	257	131	326
2002	20	18	140	1,159	120	443	267	525
acres treated, 2007	219	225	3,219	47,712	3,024	9,854	5,638	18,365
2002	311	274	3,169	47,066	2,766	8,718	4,197	18,114
Pastureland and rangeland fertilized	9	7	23	686	28	173	102	299
2002	10	9	32	799	21	242	54	398
acres treated, 2007	370	129	457	34,024	1,614	7,487	4,045	17,199
2002	168	113	398	28,478	794	6,820	1,996	14,492
Manure ¹	7	7	20	239	49	84	80	100
2002	9	8	59	145	53	77	63	97
acres treated, 2007	247	95	273	6,985	853	1,916	1,546	2,819
2002	97	45	704	4,581	1,223	2,613	1,099	1,142
Chemicals used to control- ¹								
Insects	7	4	23	135	33	46	32	58
2002	6	5	45	277	47	117	55	229
acres treated, 2007	65	85	518	3,884	392	762	602	1,722
2002	48	24	111	3,251	268	638	231	2,391
Weeds, grass, or brush	8	9	39	305	35	82	56	158
2002	14	10	52	351	26	172	47	183
acres treated, 2007	66	119	3,007	16,876	1,301	2,877	1,683	8,970
2002	126	218	4,314	16,212	862	2,040	651	3,563
Nematodes	-	-	2	6	3	4	-	7
2002	1	-	1	11	-	-	8	-
acres treated, 2007	-	-	(D)	732	36	5	-	72
2002	(D)	-	(D)	66	-	-	49	-
Diseases in crops and orchards	2	-	1	24	6	12	7	15
2002	4	2	12	49	10	23	18	41
acres treated, 2007	(D)	-	(D)	393	27	158	45	117
2002	19	(D)	54	417	69	53	19	298
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹								
farms, 2007	-	-	7	22	13	6	5	11
2002	1	1	18	35	35	21	21	37
acres treated, 2007	-	-	65	335	155	48	39	197
2002	(D)	(D)	158	328	91	55	22	262

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Scott	Shelby	Simpson	Spencer	Taylor	Todd	Trigg	Trimble
Commercial fertilizer, lime, and soil conditioners								
farms, 2007	308	667	284	233	538	411	230	260
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	16,760	62,144	76,985	14,455	40,535	109,840	60,801	10,846
2002	15,438	72,917	72,875	20,394	39,578	86,924	46,711	10,456
Cropland fertilized, except cropland pastured	farms, 2007	220	523	187	184	412	333	219
	2002	358	775	326	348	493	370	319
Pastureland and rangeland fertilized	farms, 2007	8,994	52,124	69,637	10,266	28,416	98,513	47,723
	2002	9,899	58,439	61,954	18,132	27,966	80,031	35,558
Manure ¹	farms, 2007	128	243	145	88	290	182	136
	2002	91	362	219	122	318	147	110
	acres treated, 2007	7,766	10,020	7,348	4,189	12,119	11,327	13,078
	2002	5,539	14,478	10,921	2,262	11,612	6,893	2,522
Chemicals used to control- ¹								
Insects	farms, 2007	121	223	71	70	117	211	78
	2002	250	443	153	176	277	166	99
	acres treated, 2007	5,009	15,926	18,911	1,344	6,342	59,291	34,096
	2002	3,039	15,055	12,002	3,251	4,264	23,311	14,440
Weeds, grass, or brush	farms, 2007	158	352	164	109	182	263	111
	2002	242	543	191	131	211	277	141
Nematodes	farms, 2007	2	17	2	2	6	14	2
	2002	8	55	17	1	17	10	-
	acres treated, 2007	(D)	383	(D)	(D)	126	4,417	(D)
	2002	82	536	814	(D)	801	494	(D)
Diseases in crops and orchards	farms, 2007	29	42	10	21	16	64	24
	2002	65	94	37	45	38	64	31
	acres treated, 2007	447	2,079	2,173	433	1,002	18,505	9,821
	2002	1,020	3,525	1,689	425	112	7,834	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹								
farms, 2007	19	43	5	8	24	18	6	9
2002	42	57	16	32	36	12	4	7
acres treated, 2007	285	556	(D)	58	287	1,210	218	125
	2002	291	434	360	150	169	1,220	(D)
Chemicals used to control- ¹								
Insects	farms, 2007	86	168	125	54	69	29	24
	2002	75	373	338	179	101	21	61
	acres treated, 2007	71,618	26,968	5,967	1,743	35,450	467	353
	2002	59,033	11,946	4,305	3,288	21,893	87	5,329
Weeds, grass, or brush	farms, 2007	151	388	164	168	152	59	61
	2002	159	473	299	217	143	52	50
Nematodes	farms, 2007	7	13	4	5	6	1	-
	2002	-	9	30	1	1	-	8
	acres treated, 2007	3,700	620	(D)	44	2,011	(D)	225
	2002	-	19	1,113	(D)	(D)	-	53
Diseases in crops and orchards	farms, 2007	21	39	33	26	17	9	5
	2002	5	75	98	13	1	2	30
	acres treated, 2007	9,094	3,443	1,093	899	6,180	157	32
	2002	1,500	737	985	121	(D)	(D)	554
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹								
farms, 2007	2	29	31	9	7	8	7	21
2002	-	22	40	7	1	10	8	8
acres treated, 2007	(D)	240	544	148	102	195	30	701
	2002	-	128	1,531	75	(D)	99	523

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.